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IS 11595 (1992): Surgical instruments - Peritoneum, forceps, McKulicz's pattern - Shape and dimensions [MHD 1: Surgical Instruments]

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शल्यक उपकरण — मैक्कुलिज नमूने की उदरावरण
चिमटियाँ — आकृति एवं आयाम
(पहला पुनरोक्तण)

Indian Standard

SURGICAL INSTRUMENTS — PERITONEUM
FORCEPS, McKULICZ'S PATTERN — SHAPE
AND DIMENSIONS

(*First Revision*)

UDC 615.472.4

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BUREAU OF INDIAN STANDARDS
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NEW DELHI 110002

Surgical Instruments Sectional Committee, MHD 1

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Surgical Instruments Sectional Committee had been approved by the Medical Equipment and Hospital Planning Division Council.

This standard was first published in 1977. It has been revised so as to retain the requirements in respect of shape and dimensions only, as the common specification aspects for these types of forceps are covered in IS 3642 (Part 1) : 1990 ‘Surgical instruments — Specification : Part 1 Non-cutting, articulated instruments (*second revision*)’ which would serve as a horizontal standard for these forceps. Accordingly, this standard takes the form of a vertical standard and is intended to be used in conjunction with IS 3642 (Part 1) : 1990.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the results of a test, shall be rounded off in accordance with IS 2 : 1960 ‘Rules for rounding off numerical values (*revised*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

SURGICAL INSTRUMENTS — PERITONEUM FORCEPS, MCKULICZ'S PATTERN — SHAPE AND DIMENSIONS

(First Revision)

1 SCOPE

1.1 This Indian Standard specifies shape and dimensions for McKulicz's pattern, peritoneum forceps used in general surgery.

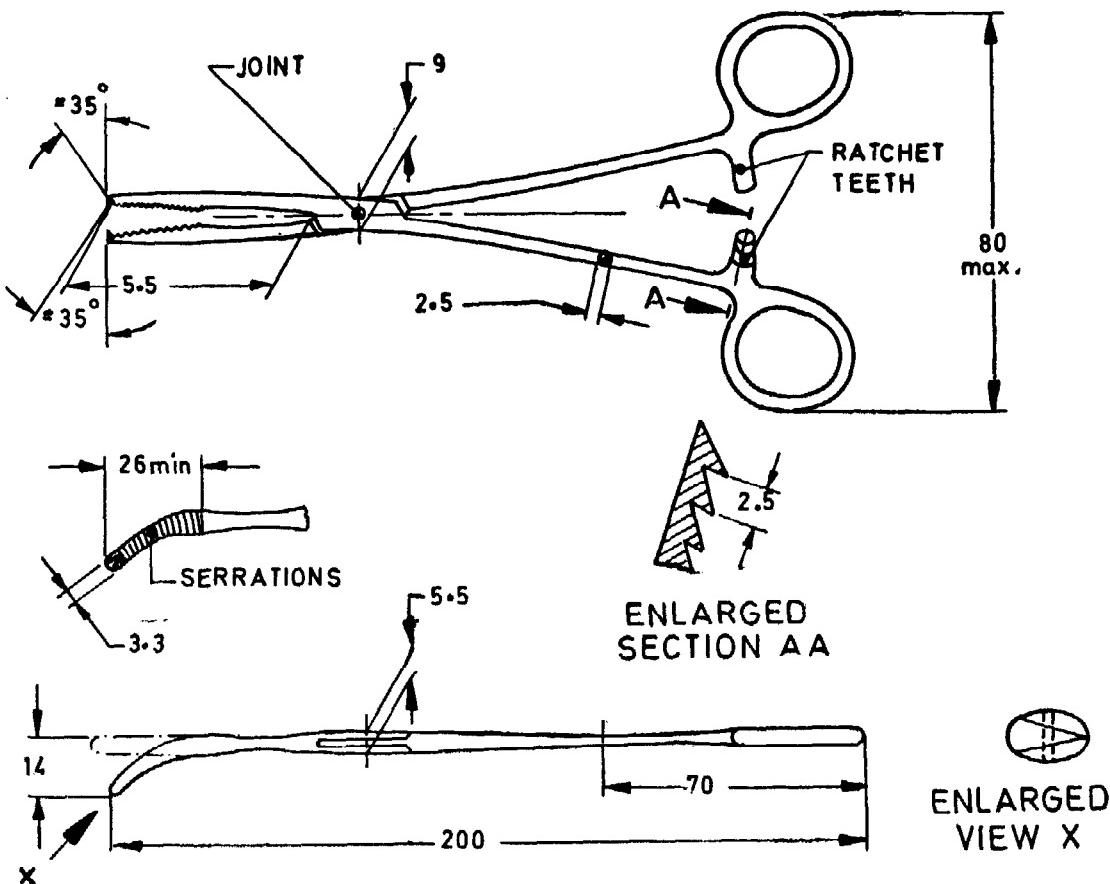
2 REFERENCES

2.1 The Indian Standard IS 3642 (Part 1) : 1990 'Surgical instruments — Specification'.

Part 1 Non-cutting, articulated instruments ('second revision') forms a necessary adjunct to this standard.

3 SHAPE AND DIMENSIONS

3.1 The shape and dimensions of the McKulicz's pattern peritoneum forceps shall be as shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 FORCEPS, PERITONEUM, MCKULICZ'S PATTERN

3.2 Joint

The joint of the forceps shall be box type, conforming to **13.2.2 of IS 3642 (Part 1) : 1990.**

3.3 Ratchet Teeth

3.3.1 The Ratchet teeth shall be of combination 3 in 3 or 3 in 4 and shall conform to the requirements of Section 4 of IS 3642 (Part 1) : 1990.

3.4 Working Ends

3.4.1 The working ends shall be shaped as shown in Fig. 1. They shall register without gaps or crevices on the first ratchet engagement and shall have no side play.

3.4.2 Grip a piece of hard rubber, 6 mm thick, between the working ends of the forceps. Tighten the grip to the last ratchet engagement. On release of the grip, the forceps shall not show any sign of damage or permanent set.

3.5 Serrations

The serrations shall be transverse type (*see* Fig. 1) and shall conform to Section 2 of IS 3642 (Part 1) : 1990.

3.6 Finger Loops

The finger loops shall conform to Size No. 2, Section 6 of IS 3642 (Part 1) : 1990.

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Doc : No. MHD 1 (2400)

Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

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